

What is claimed is:

1. An image forming device, comprising:

an attribute information reading unit for reading out
attribute information of an electronically tagged printed
5 matter wherein image data is printed on an electronically
tagged printing paper equipped with an electronic tag for
storing electronic data in a certain part of the printing
paper and said electronic tag stores image data printed on
said electronically tagged printing paper, from said
10 electronic tag;

a display unit for displaying modifiable items among
attribute information read out by said attribute information
reading unit;

an attribute information modifying unit for modifying
15 attribute information displayed by said display unit;

an image reading unit for reading out the image data
from the electronic tag of said electronically tagged printed
matters;

an image data modifying unit for modifying the image
20 data read out by said image data reading unit based on the
attribute information modified by said attribute information
modifying unit;

a printing unit for printing the image data modified
by said image data modifying unit on an electronically tagged

printing paper equipped with an electronic tag for storing electronic data in a certain part of the printing paper; and

a writing unit for writing the attribute information read out by said attribute information reading unit and the
5 image data read out by said image data reading unit on the electronic tag of the electronically tagged printing paper on which the image data is printed by said printing unit.

2. An image forming device as claimed in claim 1 further comprising:

10 a selecting unit for selecting to write the attribute information and the image data, either before or after the modifications by said attribute information modifying unit and said image data modifying unit respectively, on the electronic tag of the electronically tagged printing paper
15 on which the image data is printed by said printing unit, wherein

said writing unit writes the attribute information read out by said attribute information reading unit and the image data read out by said image data reading unit, when a selection
20 is made to write the attribute information and the image data before the modification by said selecting unit.

3. An image forming device as claimed in claim 1, wherein said writing unit further writes information indicating that there is a difference between the attribute

information and the image data stored in said electronic tag and the image data printed on said printing paper in the electronic tag of the electronically tagged printing paper on which the image data is printed by said printing unit.

5 4. An image forming method, comprising:

 an attribute information reading step of reading out attribute information of an electronically tagged printed matter wherein image data is printed on an electronically tagged printing paper equipped with an electronic tag for
10 storing electronic data in a certain part of the printing paper and said electronic tag stores image data printed on said electronically tagged printing paper, from said electronic tag;

 a display step of displaying modifiable items among
15 attribute information read out by said attribute information reading step;

 an attribute information modifying step of modifying attribute information displayed by said display step;

 an image reading step of reading out the image data from
20 the electronic tag of said electronically tagged printed matters;

 an image data modifying step of modifying the image data read out by said image data reading step based on the attribute information modified by said attribute information modifying

step;

a printing step of printing the image data modified by said image data modifying step on an electronically tagged printing paper equipped with an electronic tag for storing
5 electronic data in a certain part of the printing paper; and

a writing step of writing the attribute information read out by said attribute information reading step and the image data read out by said image data reading step on the electronic tag of the electronically tagged printing paper on which the
10 image data is printed by said printing step.

5. An image forming method as claimed in claim 4 further comprising:

a selecting step of selecting to write the attribute information and the image data, either before or after the
15 modifications by said attribute information modifying step and said image data modifying step respectively, on the electronic tag of the electronically tagged printing paper on which the image data is printed by said printing step, wherein

20 said writing step writes the attribute information read out by said attribute information reading step and the image data read out by said image data reading step, when a selection is made to write the attribute information and the image data before the modification by said selecting step.

6. An image forming method as claimed in claim 4,
wherein said writing step further writes information
indicating that there is a difference between the attribute
information and the image data stored in said electronic tag
5 and the image data printed on said printing paper in the
electronic tag of the electronically tagged printing paper
on which the image data is printed by said printing step.

7. An image forming program for causing an image
forming device to execute:

10 an attribute information reading step of reading out
attribute information of an electronically tagged printed
matter wherein image data is printed on an electronically
tagged printing paper equipped with an electronic tag for
storing electronic data in a certain part of the printing
15 paper and said electronic tag stores image data printed on
said electronically tagged printing paper, from said
electronic tag;

a display step of displaying modifiable items among
attribute information read out by said attribute information
20 reading step;

an attribute information modifying step of modifying
attribute information displayed by said display step;

an image reading step of reading out the image data from
the electronic tag of said electronically tagged printed

matters;

an image data modifying step of modifying the image data read out by said image data reading step based on the attribute information modified by said attribute information modifying
5 step;

a printing step of printing the image data modified by said image data modifying step on an electronically tagged printing paper equipped with an electronic tag for storing electronic data in a certain part of the printing paper; and
10 a writing step of writing the attribute information read out by said attribute information reading step and the image data read out by said image data reading step on the electronic tag of the electronically tagged printing paper on which the image data is printed by said printing step.

15 8. An image forming program as claimed in claim 7 for further causing an image forming device to execute:

a selecting step of selecting to write the attribute information and the image data, either before or after the modifications by said attribute information modifying step
20 and said image data modifying step respectively, on the electronic tag of the electronically tagged printing paper on which the image data is printed by said printing step, wherein

said writing step writes the attribute information read

out by said attribute information reading step and the image data read out by said image data reading step, when a selection is made to write the attribute information and the image data before the modification by said selecting step.

5 9. An image forming program as claimed in claim 7, wherein said writing step further writes information indicating that there is a difference between the attribute information and the image data stored in said electronic tag and the image data printed on said printing paper in the
10 electronic tag of the electronically tagged printing paper on which the image data is printed by said printing step.

10 10. A computer readable recording medium on which the image forming program as claimed in claim 7 is recorded.

 11. An image forming device, comprising:
15 a reading unit for reading out image data from an electronic tag of an electronically tagged printed matter wherein image data is printed on an electronically tagged printing paper equipped with an electronic tag for storing electronic data in a certain part of the printing paper and
20 said electronic tag stores image data printed on said electronically tagged printing paper;

 a detecting unit for detecting font information from the image data read out by said reading unit;

 a judging unit for judging whether the font related to

the detected font information is available for a fee or free of charge when the font information is detected by said detecting unit;

5 a printing unit for printing the image data read out by said reading unit on an electronically tagged printing paper equipped with an electronic tag for storing electronic data on a certain part of the printing paper; and

10 a writing unit for writing the image data printed by said printing unit on the electronic tag of the electronically tagged printing paper on which the image data is printed by said printing unit, wherein

said writing unit does not write the font data related to said font information on the electronic tag of the electronically tagged printing paper on which the image data is printed by said printing unit, when it is judged by said judging unit that the font of said font information is available for a fee.

12. An image forming device claimed in claim 11, further comprising:

20 a second judging unit for judging whether the font data related to the detected font information is stored when the font information is detected by said detecting unit; and

a second reading unit for reading the font data related to said font information from the electronic tag of said

electronically tagged printed matter when it is judged by said second judging unit that the font data related to said font information is not stored; wherein

said printing unit prints the image data using the font data read out by said second reading unit.

13. An image forming device claimed in claim 12, further comprising:

a deleting unit for deleting the font data read out by said second reading unit after printing by said printing unit when it is judged by said judging unit that the font related to said font information is available for a fee.

14. An image forming method, comprising:

a reading step of reading out image data from an electronic tag of an electronically tagged printed matter wherein image data is printed on an electronically tagged printing paper equipped with an electronic tag for storing electronic data in a certain part of the printing paper and said electronic tag stores image data printed on said electronically tagged printing paper;

a detecting step of detecting font information from the image data read out by said reading step;

a judging step of judging whether the font related to the detected font information is available for a fee or free of charge when the font information is detected by said

detecting step;

a printing step of printing the image data read out by said reading step on an electronically tagged printing paper equipped with an electronic tag for storing electronic data
5 on a certain part of the printing paper; and

a writing step of writing the image data printed by said printing step on the electronic tag of the electronically tagged printing paper on which the image data is printed by said printing step, wherein

10 said writing step does not write the font data related to said font information on the electronic tag of the electronically tagged printing paper on which the image data is printed by said printing step, when it is judged by said judging step that the font of said font information is available
15 for a fee.

15. An image forming method claimed in claim 14, further comprising:

a second judging step of judging whether the font data related to the detected font information is stored when the
20 font information is detected by said detecting step; and

a second reading step of reading the font data related to said font information from the electronic tag of said electronically tagged printed matter when it is judged by said second judging step that the font data related to said

font information is not stored; wherein

said printing step prints the image data using the font data read out by said second reading step.

16. An image forming method claimed in claim 15, further
5 comprising:

a deleting step of deleting the font data read out by said second reading step after printing by said printing step when it is judged by said judging step that the font related to said font information is available for a fee.

10 17. An image forming program for causing an image forming device to execute:

a reading step of reading out image data from an electronic tag of an electronically tagged printed matter wherein image data is printed on an electronically tagged printing paper
15 equipped with an electronic tag for storing electronic data in a certain part of the printing paper and said electronic tag stores image data printed on said electronically tagged printing paper;

a detecting step of detecting font information from the
20 image data read out by said reading step;

a judging step of judging whether the font related to the detected font information is available for a fee or free of charge when the font information is detected by said detecting step;

a printing step of printing the image data read out by said reading step on an electronically tagged printing paper equipped with an electronic tag for storing electronic data on a certain part of the printing paper; and

5 a writing step of writing the image data printed by said printing step on the electronic tag of the electronically tagged printing paper on which the image data is printed by said printing step, wherein

said writing step does not write the font data related
10 to said font information on the electronic tag of the electronically tagged printing paper on which the image data is printed by said printing step, when it is judged by said judging step that the font of said font information is available for a fee.

15 18. An image forming program claimed in claim 17, for further causing an image forming device to execute:

a second judging step of judging whether the font data related to the detected font information is stored when the font information is detected by said detecting step; and

20 a second reading step of reading the font data related to said font information from the electronic tag of said electronically tagged printed matter when it is judged by said second judging step that the font data related to said font information is not stored; wherein

said printing step prints the image data using the font data read out by said second reading step.

19. An image forming program claimed in claim 18, for further causing an image forming device to execute:

5 a deleting step of deleting the font data read out by said second reading step after printing by said printing step when it is judged by said judging step that the font related to said font information is available for a fee.

20. A computer readable recording medium on which the
10 image forming program as claimed in claim 17 is recorded.